A difertation John I Semple

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## Hydropholia

Looking over the estalogue of diseases to which more is expraed, none appears letter calculated to strike us with line than that of Thy aropholia. Excresince it reared its Simil head, The indianurs of the low. liest minds, as well, as the most bulliant sons of Genius, have bun in search of remedies for its own. As yet, their endearruss have been unavailing; and they drophobia still remains a Hot, on the low of medical Science. We have not been without the proposal of remedies both as a presentin, and cun. They have been given to us under the fretended gart of experience; but when The aiserning mina has had occasion for Thur use, They have been found, entury usclep, and not worthey longer to be retained, as they could have no other advantage, Than merely to tantalize, and deluce. At this day, in an not without remedies, for the cum of This aisease, on which, not only the ignorant, but



The learner, place the most implicit confidence. And were in to believe at the host have been cause in their parent we might with truth say that the clower of darkouly in which his science has we long remained where, have at longth have been and that it is a longer remained the areas of the an . But I am very to say, that of means, according to man false have given rose to remained in other sciences are the remained in the sciences that have prime as answereful as the remained in the

In selecting this, as the subject of my chang Grands high to offer any bling once or useful, this last not less for proposed; but it is by the progress a special my an observe subject that any bling estate is to be etain east. In about order and, although he could not see how his bountry was to he benefited in the stiffs, set suggest, gave vice to the Boutes benque act, of the suggest, gave vice to the Boutes benque act, of the suggest his seccome, which has from my faith by this the British hattern, are may of the hop, the full of the opposite the the subject of courts see here may give rise, to a plan of our which that forcer



adjupate the access of Hyanpachis? If it chouse in the most entant manner be the cause of ameliarating, the consistency a single investment my most sangum expansion in the acceptance of the consistency of the consistency of the consistency of the acceptance of the acceptance of the consistency of the consistency of the acceptance of t

In treating of By aropholia I shall only take notice of it as it occurs in man from the lite of ratio animals. and shall, first, take notice of the symptoms as they occur; decemaly, The appearances upon defection; and lastly the different methous of own that have been recommended Hyarepholia is airina from two Grak words signi. fying the aread of water. butten has orranged it. under the class neuroses, and order spasmi. Hede-- fines it "a loathing and great dread of drinking any fluers, from their creating a painful conveilsion of the Phanjix; occasioned most commonly by the lite of a ratia animal". Then is certainly an objection to incornet iaca of the disease, Then being many cases when this anad of water does not exist, as the word would imply; in The very last of the disease this is very



frequently the case. As it has been so long retained and is so generally unaustored I will adopt it as expression of a disease occurring from the lite of a ratio animal, of the Carrine species. From our present Pathological knowleage of This must drona ful affection in caunit say positively under what class, or order, it should be arranged; so that bulling will answer as well, sperhaps , as any others but I am disposed to view it as fabigaly inflammatory nature. Although many animals an affected with this disease yet the power of communicating it appears to be confinua to the Carrier species; such as, Dogs, Foxes and listing. It has been thought that the stage of the aisease in the animal inflicting the lite, changes mateevery thing I have been able to retlect on the subject, it appears disease, is the same from the time he is affected with rabies, to the time of his weath. bases are related of penons bring affected in every stage of the disease, and ten cases have come under my observation, when the Dogs aid



wil show the last sign of manufa until the wome white we infected yet both power was a greater with Mymerhadin and leth cases proved fates. He has been and that the power clienter state of emittiation of the parm on whom this bile is inflicted, may hear some influence in functing the aircen. This must be the case in sufficient and I am writer wishom it think the thing in the sales of a case of a case of a sufficient part of section that a water the sales of a case a case of section that a water that it will a dray presence the suicese, when then is a weare a count in the sales of section.

In Legal the means, mad generally makes its appearance from the Forth to the teenth day, and from the form the same any wakes after the bed is inflicted, and the many the forgon and for the injuly to mean has an occase, if the science having occurs, by, leading and even tounlafan enmilled after the his forester amount the medical manifest of the his forester amount the medical manifest and the science after the good largeth of time, above muchance, it has been after that a largeth of time, above muchance at least to the qual largeth of time, above muchance are as of vertalism the last the third this the case or need to account at this time to a medical account of case or need to account at this time to amount, it is a the third the science of the time to a man a the science of the time to a man a third time to the time tim



ente say, that I can see ne liter orașm echy the envila pet sen sheula act nedays after the lite is inflicted, than 12 Months, in leth instances the cerus being heaters. Lympteins

In Man, Hydrophelia from the lite of a valid animal, is generally ushered in with the fellening symptoms most prequestly, from twenty, to 40 days, after, The respection of the injury. The part on which the wound is inflicted has a stight, etching susation, becoming stightly closales. and inflamed, accompanied with a little pain, when proquelly shorts along the limb, usen ling very much in seresation, a stight, Alexamatic affection: There in much timedity, auxiety, and frequent sighing: There are strong marks of great nottepres, the sleep, being much wither by frequent startings, and very disagneable areams. These symptoms, continuing to increase a wily, the paintshort with monesi-- dence from the part fint affected in the diretion of the Hereat, and brast. This is accompanied with a tightness about the Threat and a sensation of choking. Advant of water then come on, being frequently theme into victim and



tions on its being handed to him. He is unable to swallnothe least quantity of water atthough suffering with great think. There is a constant spitting of sales, apparently from an inati - lity to swallow it. Any thing can be baken if in a solia form. About this time an exerciating pain in the Epigastrie regim comes on, lops of a petits, with inchased contactity, and ingreased in the spasms. I remiting of a getter bitious mist. ter success, with high fever, and very difficult respiration. He is anaafully distribed with dry tongue and fauces, frequently spitting out a thick visit mucus. At This stage of The disease the patient is unable to has the least airlight, or polished surface without bring thrown onto the most vie - leut convilsions. The pulse is not always the same; but most prequently small, quick, and wise, and towards The last, irrigular, and intermitting. The mina of the patient is most commonly as good as usual, ausuring all questions put to him, and most totterly lamenting his lat and hopeless condition. Invara the latter stage of The disease their is a spasmodio contraction of the Uring and Genital organs, by which their contents are fruitly



Thrown out. There is sometimes a comiting of a dark matter such as occurs in the Yellar Four Gastritis, and in then diseases, only, where there is a high degree of inflammatory action in the stomach. It is a morbid secretion of the stomach und not black lile as was formerly supposed. The voice hims hoanse, and fattering, the Bulge, wak, to mulay, and ine gular. The emoulsions come on with increased frequency and violence; and the unhappy sufferer, as if unable longer to hear the wright of pain, and misory, is launches into do. - nety, Most of the above symptoms on observable in every case of Hydrephoho arising from the hite of a notia animal; atthough almost overy case differs in degree and violence. This disease news its course with the governst rapidity, and in almost every, case fatally; resisting the most rigorous exer. tions of the fractitioner and" laughing to seem his notlest efforts. Appearances upon difection.

Upen aspection after with the fellowing markage, pearances an presentia. The brain, and perhicularly the Wallin, and perphages, an in a state of inflammation The muscles and mediales throughts are uncommonly any:



The gall bladder is very much asterided with a large ques tity of dark coloured lite; some is also found in the stomach; The Willows coat of which is of a line complexion, as if it has suffered much with inflammation. The liver has an inflammatory appearance: The bowls an prequently in a State of Mortification: Then are wark line spots sometimes found on the shine The mins an nearly outily of blood and The arteries an full: Most prequently the blood does not co. agulate atale, and when it does, it is very stroly and imperfectly. After death the body very some putrefies. It get diffee tion has Thrown very little light on The subject; The appearan cesting very different; no ten cases being exactly alites and in some cases the long upon defection was exhibiten no more hid appearance whatever Then on ten such cases, nead by Do Vaugan. Treatment.

The treatment naturally civiles itself with their remains that as it is were it present the receipment the aurona of the aurona and their, the that he is to receive when the survey was to remain to when the conserve when the first of the present state of an enable occurrence of the accesse. In the present state of an enable,



as so little is to be expected, from naucius after Hydrophobia has make its appearance, we should invariably inthout the last Pasitation, resort to the Krip, or the Caustic applications. The former should be greatly profesed from the greater certainty Their would be of removing only trace of the poison. The would should fint to washed freely with Joap and water to remove as much of the parm as popable; a scalpel should then be used, taking can to cut am below The deepest part of the wound, by as few strokes as popull; Should The Ruife, pap through any part of the wound it must h changed, least it should carry along with it seem of the poison to the aciacut fligh. The part is then to be anged. with spespastic victment, and continued for some time. The Vasilicon outenent, to whichisadded a large portion of Tartar constit, will answer as well as any other. The Knife may be used in almost every case; but should the situation of the wound, or the prejudices of the patient, polich last is most frequently the case , prount its use; Then the Caustic should be resorted to, Siberally used, and long contenued, so as to recovery empletely, to destroy, The least vislage of the



virus, and heep up the aischarge for 82,00 40 days. The means above states, shouls be obserted to at any time previous to The coming on of the airean; but the some it is done the bitter, and quater will be the certainty of pororuting its occurrance. It has bun recommended to use meroury in small aces and fre - quently repeater; so as stightly to affect the system; and this, to be long continued. The Edea which first gave rise to Phis plone of treatment was, that by promoting the secretions the morbia prison couls to Thrown off; but if this plan should from suc present the action of the prison. Cases an relatea, of this tradbut I am airpore to think that the averse come not have occurred in these cases had no remeay been used. This belief is in a great measure confirmed by one case which comments der my own observation. The subject to whom I alluxe was a Child bitten by a Mad Dog, on the hand uncovered. Mercury was used as has been mentioned; and on the 35 day the Symptoms of Hyarophobia made Their appearance, The disease ran its enem with great ridina, and although all the



usual remedies were resorted to, it specially proved falal. Much for a long time, has been said of an article, as a promotion of the desiry Mer need say it has claimed experience, for its week allust to the Snake strue It resembles very much a piece of calcina tone, the Junke Stone It is passes, and absorbeat. I am sory to say, that in my nation state, from which, I was in hopes, that every restage of superstition had long sine rainshed, then exists such a superstitions remember for this namely that ages inte not be able to dispipate it. Then an tin reasons, why this, and other remedies, used as promutins, are likely to continue. Jist, the Loggie ing The lite which they imagine to be man, thatly notse. and Secondly, if man, the toth having to past though olds, or covering of some assoription, the salira is wife off, and there is now carnia as far as the wound. In both of which cases, the pone receiving the lite would not be affected, if nothing were down for him. and thus whater is used, has the credit of having munitia The aires. The belief in the efficacy of the snake stone, is not confined solely to The law class, many well informed persons, laying superstition and, believe that from its abortent pour it



will remove the prison and thus proved the occurrence of the disease: And many of both elafus, trusting to what They between to he an infallith servery, have been fatally weiners. The Domstant powder, was for a long time, used as a specific for His disease; and as many at one time believed in its officacy as morthery in The officeacy of the make Home, But of late, it has fallow itato disripute, and new, is wet atale used. Many other articles have been propaged; but it is useles for one to mention them; they have now sunh into oblinion. Ale carried with them strongly the marks of suportition, and were as acquacing to the proposers of theing as They were useless and I am in hopes that The Inake Stone will shortly share the same fate and be entonted with all its hinana articles. Inalmost when the disease has occurred. Almost every article of the materia medica, has at one time or other attracted some share of allention. Time, and the limits of an epay of this hind, will not allow of my taking notice of them all; and if this dia, no populle benefit could accome from so doing; I will therefore only take notice of then remains, which from their powerful action on the System, appear most dehely to from suricable in the airease. And of them, bloodathing



stands foremost. It took its rise from the airease having him be liend to be one of a highly inflammatory action: Und I am aispend to think that the said is not allegether inconst, although I acknow leage that the opportunity I have have to form an opinion has been very limited. This belief is fromed, from the Symptoms of the disease. The appearances upon difection, the blood aroun, another sucup the land has been reported to have most with when car ried to a very great extent; as well as sometimes the black romit which is kunen never to occur, unless, Then is a very high digne of inflammation in the stomach. I imagine then is a location tation presured by the pain, which in the comma evidently to - gives with inflammation) which if not at once arristed, ra pialy spraas itself by multiplying the chain of martia afso. cistions, until the aisease becomes general, invoting The whole arimal economy, but men particularly the sum ach by its hor. nia effects. Were not This airease of an highly inflammatory it has been , always destry life? He know that the more notifithe inflammatory action is, The farther benestection can be carried All Those cases, in which renesection has been succeptully improved,



it has been carried to the greatest extent; and so for as hunches Mora tetting when carried to this extent, in the first of the seivere, over produced atal consequences. I am satisfica that it will not prove sweepful in all cases; but in most cases may it not be our ing to its not being resorted to at the proper time, or in sufficient quantity? Would any one condemn bloraletting in pleuring because it aid not succeed, in the last stage of the disease, just before the death of the patient? For could any one in the same disease expect to derive benefit from US when a very small quantity is takenged imagine not. and if it should be found to succeed in only a few cases, in should some next to it Than to any other remeny at this time known to the mexical world. To allay the noteset sparmone, which is always present no article is better adapted than the fre use of the Cancel. To produce the assirea effect Movaletting should be resorted to on the first appearance of the disease. The Hora should be arriver frely from a large orifice; until actual fainting is inauca; The onfice Thout a then, and not until then, he closed . Shoul a there to any return of the symptoms a rin must again be opinea, and the patient or suffered again to bleed, ad deliquium



arimi, or until there is a relief from all the symptoms of By arophetra. This is not a none ay of medern water it was used by One part, as far tack as The year 1899, see the listing of the academy of Seiences, page 5%.) many on the cases related of its officacy. Me Attightson in the 22 bet page of the Beaucas transactions) and Me Falconer page 222, and De Filter of Delevan and many other han reported cases of its success. But then an ter cases lately reported which should particularly attract altention. alluce to the caus by Dr Shorthead of Calcutta in Phillips medical journal, AV 187, In these tur cases, magection was resorted to se soon as the airease made its appearance; it was carried an actiquium ariimi, and repeated at intervals, as long as arterial action, or the symptoms of Ryasepholis romained . In Huse cases the remeay was evouved with succep; and in both cases after three blee aings, the patients, were entirely relieved, and the symptoms never mon returned. In This airease then is always an obtinately constitute of the hools; and with the intention of overcoming this batharties have been regorted to. The most arastic of The class have been employed, as Islap, Alocs, Collecynth, Hellebon & Jam airposed to think, the above



articles an not as valuable, as the mocurial purgations for The purpose of overcoming the instipated state of the brooks, and as auxiliary to the use of the lancet. In all cases when the Timach is inflamed Calomel appears to be poculiarly adapted. In these cases it is as mila as the neutral Salts, Caster Oil, or any of the mila purgation, bisides then is not that difficulty in taking this article when made ento fills, which there is in most of the other articles. This is a circumstance that should be attended to, as solids may be taken with the greatest ease, when the afficulty of swallowing fluids will fromt their administration. The Calend should be guen, in large dows, atout Di, and or peales as often as is friend suce pary; I am not prepare to say, whether oract, it would be better to combive with it, some article, to promote its operation; but I should rather encline to the quin. That it would answer much little by itself. If it should produce a salvation, the chance of the patients necessy would be still increased. Directies han at one time claimed attention; and the one which has claimed the most, is the Tinctur of Cauthanay. If this while win to prove useful in The ayease I as not think that it possibly could be by its Diwrete effect. The principal outhor who has aun=



catea this plan of treatment, and with this article, is Bac cus, De trunis et autiartes, in the first bot : of the Bologna transactions I should place no reliance whatever on this article or any of the class, as being outinly too full in segigantie, a form of airease. Many remedies have been proposed which should have the effect, of orrowning the existing action in the sys. tim by preaucing an action of their own; Such as Murcury in small and proquely repeated; arrene and many there; but I do not expect that the counter initating effects conta distroy the aiseasea action, unlift with the life of the patient. Shown, Mush, Caster, and all the most notent artispas moders have been resorted to; with the object of overcoming The wistent spasmonie action. But I would ask, what is bitter adapted to this on a than Abordating; it being cortainly the most powerful article of this class, with which in an acquain tea. It is true that cases are related of the efficacy of the above mentioned articles; but what measure has not at one time or other had This reputation, and that to, from what what termed experience From a belief that the system was able to there of o wacute all mortia present, if it couls to supported for a sufficient length of time,



Stimulants of every hina han been used; such as bot: Alk: Min, Alcohol or and cases an reported of their efficacy. It this aireaseis, (as I imagine it is one of high inflammatory action; this whole class of remedies, it used in the first stage, would certainly cause The disease to preced with mon rapia strides, to a falat terminate on. If they are brought in, in the last stage of the assence, sometime fit is to be expected from thom, Independently of other reasons, the same objection intersheld with there writeles, as with ingst other medicines, and that is the appently of swallowing which soin. rariably alternas on this aisease. and upon the whole I am ais pena to place as little conference in this class of medicines as in most of the others. After als, small is the confidence to be reposed in any remeded plan of treatment at this time human to the medical world. We should therefore, in very in Hance use our list indianners, that the part, on which the lite is influted, should be removed as specify, and effectually as possible. Out should this not be anne, and the disease makes its appearance, Think in should place our greatest hopes, in The libral use of the Lands, combined with Mununal purges. This should only be used in the first stage of the disease raptor



Hus has papera, stimulants of the most principal him a standard, name to with the vive, of supporting the superity staking state of the system. In a station of the office with opinion, will assimpte that. I sen the great hought assimpte from the State of Starfulling in Gullen Stars own again the black service has occurred; and in some cases of bodie, when gangeme has superious, I should some come of bodie, when gangeme has superious, I should seem for the star of bodie, when gangeme has superious, I should seem for the star of bodies, when gangeme has superious, I should seem for the star of bodies, when gangeme has superious, I should seem for the star of bodies, when a superior the star of bodies are the star of th

Before I class this press, I will in a security manner take attending of an article classed, has not the last year or ter, attracted anner attending. I allie to the build land I start to oppose to the an him uses as far book as the greeters fail, by a I Lucience down Dervier of Anne heavy, not much has been said of its officery until lastly; when a pamphothet appliance by I Believing of these Jack; in which, cause an ulated, ellicition from all question, or when the opposite of the remany is placed in the longest differ, lith as a presenting and were contained the application for the story when the application of the second contained the applications as an artistic. I he are may see seems of them, blogs and Boggs. But unfationably some cause on relatio, where



it was used as fruly as crula h instea, and under the most farourable, circumstances, as a provention, yet with Men and Hogs um affectes. There Hogs can better by a mad Dog, They were all put under the use of the remedy, and yet ornet of the grove taken with Thydropholis from the 10th to the 15" any after the bite of the ratia animal, and died withit. There is also a con related of a man, by name James Caun, who was betten by a mad Dog on the 11th of Sure. He took freely of Scule cape and acted in every respect according to directions, get on the 17" he was taken with Hyarpholia. So that this is a case when it did not provent its occurrence. The Scullcap was continuea; and as his bouls were in a very constituted state. one Scruple of Calornal was give, it purged will, and as it is stated, some officious person, trok along some Mova; The exact quantity was not hum, and bann was better; Ha quantity of blood was thought to be about 9x4. The discase lasted until the 13 of the following mouth. From the great length of time the aiseases said to have continued, I am disposed to Hunk, that it was not Hoy arophoha; but if it was, unula it not be more rational to attribute the cure to the



balemed, and use of the Sanut Thy an artisaly better relculation to presence the open of what are the proposed of the protection artisacts I to is a very order article perfecting ends slightly time properties are may be taken, to any amount. It is a green with, area of no and home, without a map exoption, that if an arbite can be taken, and litelium, no very great power is attentiable to it. I man full experience with their article, well stay white it is entitled to the powser that article, well stay white it is said to the home as to that have been levished on it? And if such their deforms to to the case, built of the sum of the normal in litting of girls, and the manne of It around and the very to be more present the last syllable of recovarious.

